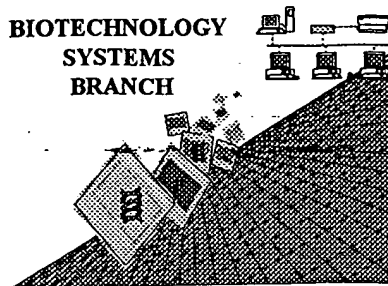


Einsmann

**RAW SEQUENCE LISTING**  
**ERROR REPORT**

BIOTECHNOLOGY  
SYSTEMS  
BRANCH



#9

RECEIVED

OCT 13 2000  
TECH CENTER 1600/2900

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/450,651  
Source: 1655  
Date Processed by STIC: 10/2/2000

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR FURTHER INFORMATION, PLEASE TELEPHONE MARK SPENCER, 703-308-4212.

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW:

**Checker Version 3.0**

The Checker Version 3.0 application is a state-of-the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 – 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25.

Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO). Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

Checker Version 3.0 can be down loaded from the USPTO website at the following address:  
<http://www.uspto.gov/web/offices/pac/checker>

# RAW SEQUENCE LISTING

## PATENT APPLICATION US/09/450,651

DATE: 10/10/2000  
TIME: 23:48:40

INPUT SET: S35989.raw **RECEIVED**

OCT 13 2000

TECH CENTER 1600/2900

This Raw Listing contains the General Information Section and up to the first 5 pages.

Does Not Comply  
Corrected Diskette Needed

### SEQUENCE LISTING

#### (1) General Information:

- (i) APPLICANT: *↑ move up - all responses must be on same line as heading*
- ~~(A) NAME: PIG IMPROVEMENT COMPANY UK LIMITED~~
- ~~(B) STREET: 100 GEORGE STREET~~
- ~~(C) CITY: LONDON~~
- ~~(D) STATE: LONDON~~
- ~~(E) COUNTRY: ENGLAND~~
- ~~(F) POSTAL CODE (ZIP): W1H 5RH~~
- ↑ move under first applicant's name*
- ~~(A) NAME: ANDERSSON, LEIF~~
- ~~(B) STREET: MELICA HB~~
- ~~(C) CITY: BERGAGATAN 30~~
- ~~(D) STATE: UPPSALA~~
- ~~(E) COUNTRY: SWEDEN~~
- ~~(F) POSTAL CODE (ZIP): S 752 39~~

(ii) TITLE OF INVENTION: METHODS FOR ANALYSING ANIMAL PRODUCTS

(iii) NUMBER OF SEQUENCES: 50

#### (iv) COMPUTER READABLE FORM:

- (A) MEDIUM TYPE: Floppy disk
- (B) COMPUTER: IBM PC compatible
- (C) OPERATING SYSTEM: PC-DOS/MS-DOS
- (D) SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)

(v) CORRESPONDENCE ADDRESS:

(A) ADDRESSEE:

(B) STREET:

(C) CITY:

(D) STATE:

(E) COUNTRY:

(F) ZIP:

#### (vi) CURRENT APPLICATION DATA:

*add →* (A) APPLICATION NUMBER: WO PCT/GB98/01531

*add →* (B) FILING DATE:

*This belongs under PRIOR APP DATA:*

#### (2) INFORMATION FOR SEQ ID NO: 1:

##### (i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 33 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

*add → (vii) PRIOR APPLICATION DATA:*

*add → (A) APPLICATION NUMBER: ↓*

*add → (B) FILING DATE:*

##### (ii) MOLECULE TYPE: other nucleic acid

(A) DESCRIPTION: /desc = "PRIMER"

*FYI: EPO  
format is invalid  
for U.S. cases*

RAW SEQUENCE LISTING  
PATENT APPLICATION US/09/450,651DATE: 10/10/2000  
TIME: 23:48:41

INPUT SET: S35989.raw

47 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:  
48  
49 TGTAAACGA CGGCCAGTRG TGCCTGGAGG TGT 33  
50  
51 (2) INFORMATION FOR SEQ ID NO: 2:  
52  
53 (i) SEQUENCE CHARACTERISTICS:  
54 (A) LENGTH: 24 base pairs  
55 (B) TYPE: nucleic acid  
56 (C) STRANDEDNESS: single  
57 (D) TOPOLOGY: linear  
58  
59 (ii) MOLECULE TYPE: other nucleic acid  
60 (A) DESCRIPTION: /desc = "PRIMER MSHR REVERSE 5"  
61  
62  
63  
64 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:  
65  
66 CGCCCAGATG GCCGCGATGG ACCG 24  
67  
68 (2) INFORMATION FOR SEQ ID NO: 3:  
69  
70 (i) SEQUENCE CHARACTERISTICS:  
71 (A) LENGTH: 24 base pairs  
72 (B) TYPE: nucleic acid  
73 (C) STRANDEDNESS: single  
74 (D) TOPOLOGY: linear  
75  
76 (ii) MOLECULE TYPE: other nucleic acid  
77 (A) DESCRIPTION: /desc = "Primer"  
78  
79  
80  
81  
82 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:  
83  
84 CGGCCATCTG GCGGGCAGC GTGC 24  
85  
86 (2) INFORMATION FOR SEQ ID NO: 4:  
87  
88 (i) SEQUENCE CHARACTERISTICS:  
89 (A) LENGTH: 24 base pairs  
90 (B) TYPE: nucleic acid  
91 (C) STRANDEDNESS: single  
92 (D) TOPOLOGY: linear  
93  
94 (ii) MOLECULE TYPE: other nucleic acid  
95 (A) DESCRIPTION: /desc = "Primer"  
96  
97  
98  
99

RAW SEQUENCE LISTING  
PATENT APPLICATION US/09/450,651DATE: 10/10/2000  
TIME: 23:48:41

INPUT SET: S35989.raw

100 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:  
101  
102 GGAAGGCGTA GATGAGGGGG TCCA 24  
103  
104 (2) INFORMATION FOR SEQ ID NO: 5:  
105  
106 (i) SEQUENCE CHARACTERISTICS:  
107 (A) LENGTH: 24 base pairs  
108 (B) TYPE: nucleic acid  
109 (C) STRANDEDNESS: single  
110 (D) TOPOLOGY: linear  
111  
112 (ii) MOLECULE TYPE: other nucleic acid  
113 (A) DESCRIPTION: /desc = "Primer"  
114  
115  
116  
117  
118 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:  
119  
120 GCACATCGCC CGGCTCCACA AGAC 24  
121  
122 (2) INFORMATION FOR SEQ ID NO: 6:  
123  
124 (i) SEQUENCE CHARACTERISTICS:  
125 (A) LENGTH: 24 base pairs  
126 (B) TYPE: nucleic acid  
127 (C) STRANDEDNESS: single  
128 (D) TOPOLOGY: linear  
129  
130 (ii) MOLECULE TYPE: other nucleic acid  
131 (A) DESCRIPTION: /desc = "PRIMER MSHR REVERSE 3"  
132  
133  
134  
135 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:  
136  
137 GGGGCAGAGG ACGACGAGGG AGAG 24  
138  
139 (2) INFORMATION FOR SEQ ID NO: 7:  
140  
141 (i) SEQUENCE CHARACTERISTICS:  
142 (A) LENGTH: 30 base pairs  
143 (B) TYPE: nucleic acid  
144 (C) STRANDEDNESS: single  
145 (D) TOPOLOGY: linear  
146  
147 (ii) MOLECULE TYPE: other nucleic acid  
148 (A) DESCRIPTION: /desc = "PRIMER LA93"  
149  
150  
151  
152

RAW SEQUENCE LISTING  
PATENT APPLICATION US/09/450,651DATE: 10/10/2000  
TIME: 23:48:42

INPUT SET: S35989.raw

153 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:  
154  
155 GAGCAGCCCC TACCCCGGAA TGCCAGTTGA 30  
156  
157 (2) INFORMATION FOR SEQ ID NO: 8:  
158  
159 (i) SEQUENCE CHARACTERISTICS:  
160 (A) LENGTH: 40 base pairs  
161 (B) TYPE: nucleic acid  
162 (C) STRANDEDNESS: single  
163 (D) TOPOLOGY: linear  
164  
165 (ii) MOLECULE TYPE: other nucleic acid  
166 (A) DESCRIPTION: /desc = "PRIMER KIT56"  
167  
168  
169  
170 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8:  
171  
172 CTTTAAAACA GAACATAAAA GCGGAAACAT CATGCGAAGG 40  
173  
174 (2) INFORMATION FOR SEQ ID NO: 9:  
175  
176 (i) SEQUENCE CHARACTERISTICS:  
177 (A) LENGTH: 24 base pairs  
178 (B) TYPE: nucleic acid  
179 (C) STRANDEDNESS: single  
180 (D) TOPOLOGY: linear  
181  
182 (ii) MOLECULE TYPE: other nucleic acid  
183 (A) DESCRIPTION: /desc = "Primer"  
184  
185  
186  
187  
188 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9:  
189  
190 CGCCCAGATG GCCGCGATGG ACCG 24  
191  
192 (2) INFORMATION FOR SEQ ID NO: 10:  
193  
194 (i) SEQUENCE CHARACTERISTICS:  
195 (A) LENGTH: 27 base pairs  
196 (B) TYPE: nucleic acid  
197 (C) STRANDEDNESS: single  
198 (D) TOPOLOGY: linear  
199  
200 (ii) MOLECULE TYPE: other nucleic acid  
201 (A) DESCRIPTION: /desc = "Primer"  
202  
203  
204  
205

RAW SEQUENCE LISTING  
PATENT APPLICATION US/09/450,651DATE: 10/10/2000  
TIME: 23:48:42

INPUT SET: S35989.raw

206 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 10:

207

208 TGCCTACCA CAGCATCGTG ACCCTGC

27

209

210 (2) INFORMATION FOR SEQ ID NO: 11:

211

212 (i) SEQUENCE CHARACTERISTICS:

213 (A) LENGTH: 24 base pairs

214 (B) TYPE: nucleic acid

215 (C) STRANDEDNESS: single

216 (D) TOPOLOGY: linear

217

218 (ii) MOLECULE TYPE: other nucleic acid

219 (A) DESCRIPTION: /desc = "Primer"

220

221

222

223

224 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 11:

225

226 GTAGTAGGCG ATGAAGAGCG TGCT

24

227

228 (2) INFORMATION FOR SEQ ID NO: 12:

229

230 (i) SEQUENCE CHARACTERISTICS:

231 (A) LENGTH: 22 base pairs

232 (B) TYPE: nucleic acid

233 (C) STRANDEDNESS: single

234 (D) TOPOLOGY: linear

235

236 (ii) MOLECULE TYPE: other nucleic acid

237 (A) DESCRIPTION: /desc = "Primer"

238

239

240

241 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 12:

242

243 CTGCCTGGCC GTGTCGGACC TG

22

244

245 (2) INFORMATION FOR SEQ ID NO: 13:

246

247 (i) SEQUENCE CHARACTERISTICS:

248 (A) LENGTH: 24 base pairs

249 (B) TYPE: nucleic acid

250 (C) STRANDEDNESS: single

251 (D) TOPOLOGY: linear

252

253 (ii) MOLECULE TYPE: other nucleic acid

254 (A) DESCRIPTION: /desc = "Primer"

255

256

257

258 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 13:

**SEQUENCE VERIFICATION REPORT**  
**PATENT APPLICATION US/09/450,651**DATE: 10/10/2000  
TIME: 23:48:42**INPUT SET: S35989.raw**

Line	Error	Original Text
5	Mandatory Value Not Present	(i) APPLICANT:
6	Unknown or Misplaced Identifier	(A) NAME: PIG IMPROVEMENT COMPANY UK LIMIT
7	Unknown or Misplaced Identifier	(B) STREET: 100 GEORGE STREET
8	Unknown or Misplaced Identifier	(C) CITY: LONDON
9	Unknown or Misplaced Identifier	(D) STATE: LONDON
10	Unknown or Misplaced Identifier	(E) COUNTRY: ENGLAND
11	Unknown or Misplaced Identifier	(F) POSTAL CODE (ZIP): W1H 5RH
13	Unknown or Misplaced Identifier	(A) NAME: ANDERSSON, LEIF
14	Unknown or Misplaced Identifier	(B) STREET: MELICA HB
15	Unknown or Misplaced Identifier	(C) CITY: BERGAGATAN 30
16	Unknown or Misplaced Identifier	(D) STATE: UPPSALA
17	Unknown or Misplaced Identifier	(E) COUNTRY: SWEDEN
18	Unknown or Misplaced Identifier	(F) POSTAL CODE (ZIP): S-752 39

PAGE: 1

**SEQUENCE MISSING ITEM REPORT**  
**PATENT APPLICATION US/09/450,651**

DATE: 10/10/2000  
TIME: 23:48:42

*INPUT SET: S35989.raw*

ADDRESSEE  
STREET  
CITY  
STATE  
COUNTRY  
ZIP  
CORRESPONDENCE ADDRESS  
APPLICATION NUMBER  
FILING DATE  
CLASSIFICATION  
APPLICATION NUMBER  
FILING DATE  
PRIOR APPLICATION DATA